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Approved for use through 10/31/2002. OMB 0651-0032
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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No. **P-4642-US**
First Inventor or Application Identifier **ZAMIR, Ram**
Title **CROSSTALK MITIGATION IN A MODEM POOL ENVIRONMENT**
Express Mail Label No.

(Only for nonprovisional applications under 37 C.F.R. § 1.53(b))

APPLICATION ELEMENTS
See MPEP chapter 600 concerning patent application contents

ADDRESS TO: **Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231**

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 24]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. ☒ Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 5303)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Other: **Postcard**

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____/_____
Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code ☐ (Insert Customer No. or Attachment code label here) or ☒ Correspondence address below

Name **Eitan, Pearl, Latzer & Cohen-Zedek**

Address **One Crystal Park, Suite 210, 2011 Crystal Drive**

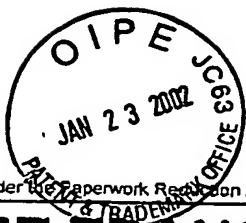
City **Arlington** State **VA** Zip Code **22202-3709**

Country **USA** Telephone **(703) 486-0600** Fax **(703) 486-0800**

Name (Print/Type) **Mark S. Cohen** Registration No. (Attorney/Agent) **42,425**

Signature **[Signature]** Date **23 January 2002**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



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EE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	ZAMIR, Ram
Examiner Name	
Group / Art Unit	
Attorney Docket No.	P-4642-US

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 05-0649
Deposit Account Name: Eitan, Pearl, Latzer & Cohen-Zedek

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	201	740	370	Utility filing fee	
106	206	330	165	Design filing fee	
107	207	510	255	Plant filing fee	
108	208	740	370	Reissue filing fee	
114	214	160	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Below	Fee Paid
-20**	X		
Independent Claims	-3**	X	
Multiple Dependent	X		

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
103	203	18	9	Claims in excess of 20
102	202	84	42	Independent claims in excess of 3
104	204	280	140	Multiple dependent claim, if not paid
109	209	84	42	** Reissue independent claims over original patent
110	210	18	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	205	130	65	Surcharge - late filing fee or oath	
127	227	50	25	Surcharge - late provisional filing fee or cover sheet	
139	239	130	130	Non-English specification	
147	247	2,520	2,520	For filing a request for ex parte reexamination	
112	212	920*	920*	Requesting publication of SIR prior to Examiner action	
113	213	1,840*	1,840*	Requesting publication of SIR after Examiner action	
115	215	110	55	Extension for reply within first month	
118	216	400	200	Extension for reply within second month	
117	217	920	460	Extension for reply within third month	
118	218	1,440	720	Extension for reply within fourth month	
128	228	1,980	990	Extension for reply within fifth month	
119	219	320	160	Notice of Appeal	
120	220	320	160	Filing a brief in support of an appeal	
121	221	280	140	Request for oral hearing	
138	238	1,510	1,510	Petition to Institute a public use proceeding	
140	240	110	55	Petition to revive - unavoidable	
141	241	1,280	640	Petition to revive - unintentional	
142	242	1,280	640	Utility issue fee (or reissue)	
143	243	480	230	Design issue fee	
144	244	620	310	Plant issue fee	
122	222	130	130	Petitions to the Commissioner	
123	223	50	50	Petitions related to provisional applications	
126	226	180	180	Submission of Information Disclosure Stmt	
581	281	40	40	Recording each patent assignment per property (times number of properties)	
146	246	740	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	249	740	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	279	740	370	Request for Continued Examination (RCE)	
169	269	900	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					

SUBMITTED BY

Name (Print / Type)	Mark S. Cohen	Registration No. (Attorney/Agent)	42,425	Telephone	(703) 486-0600
Signature				Date	January 23, 2002

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